

FIG.1

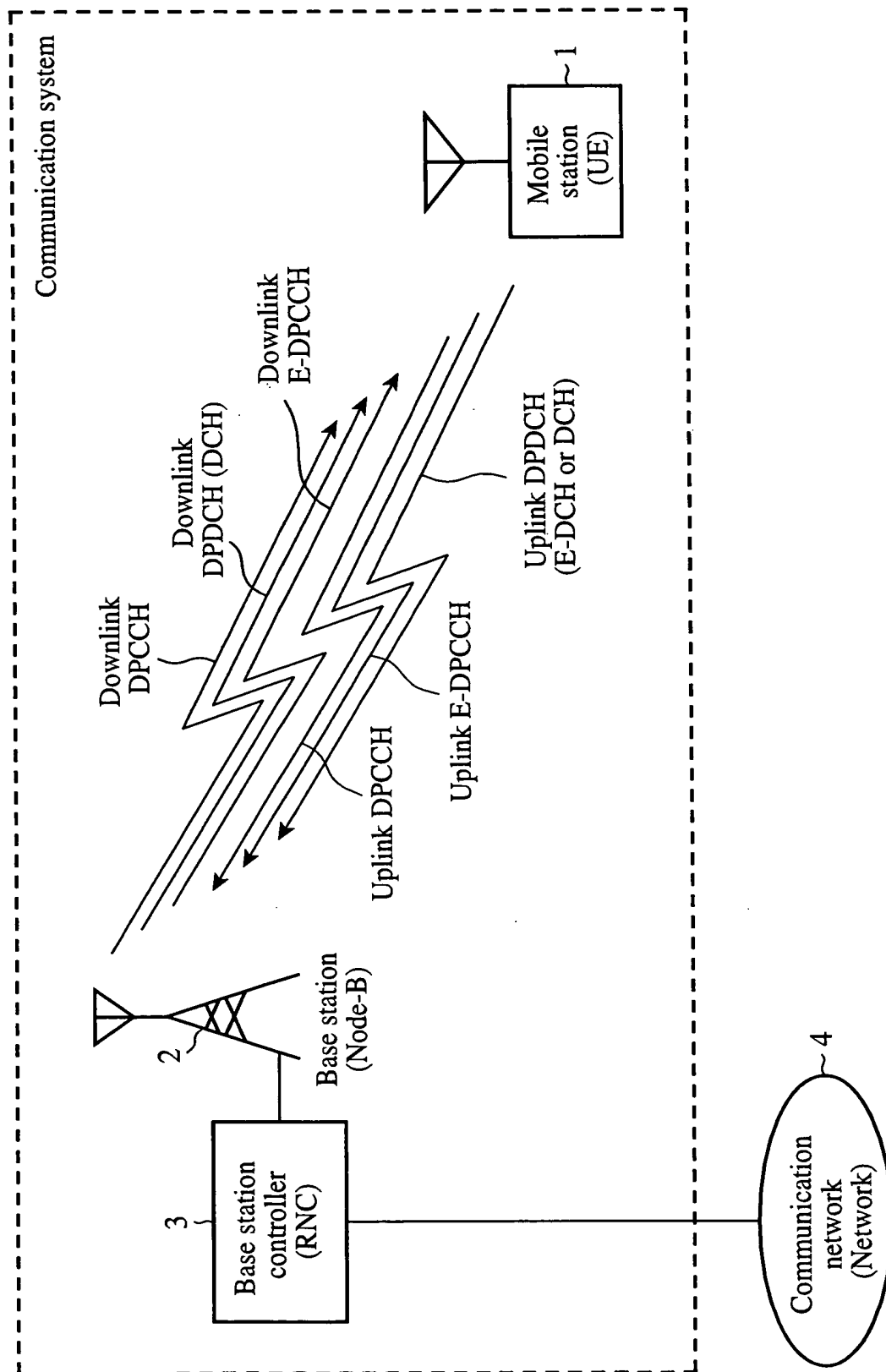


FIG.2

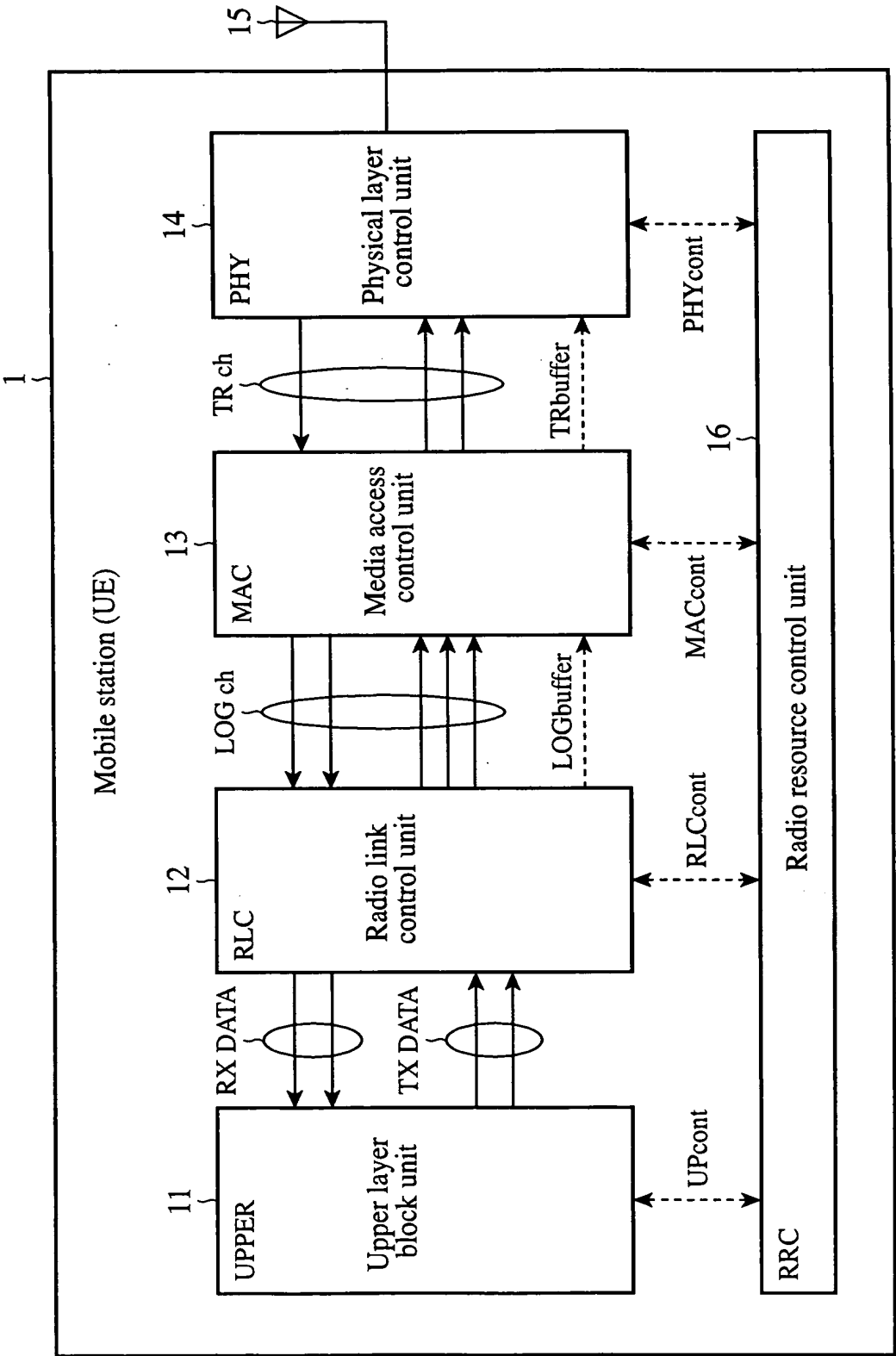


FIG.3

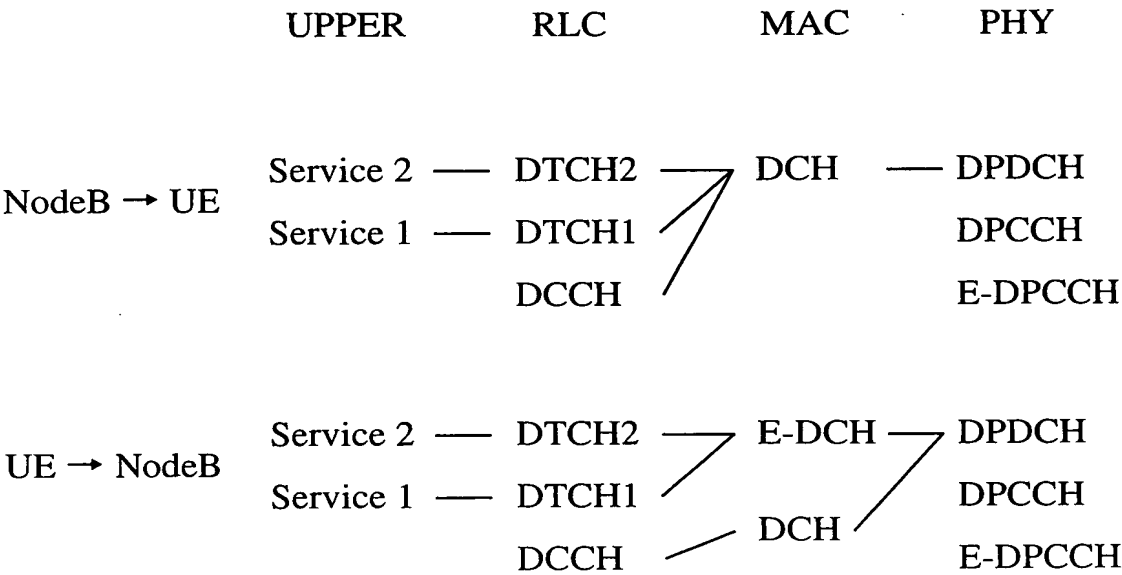
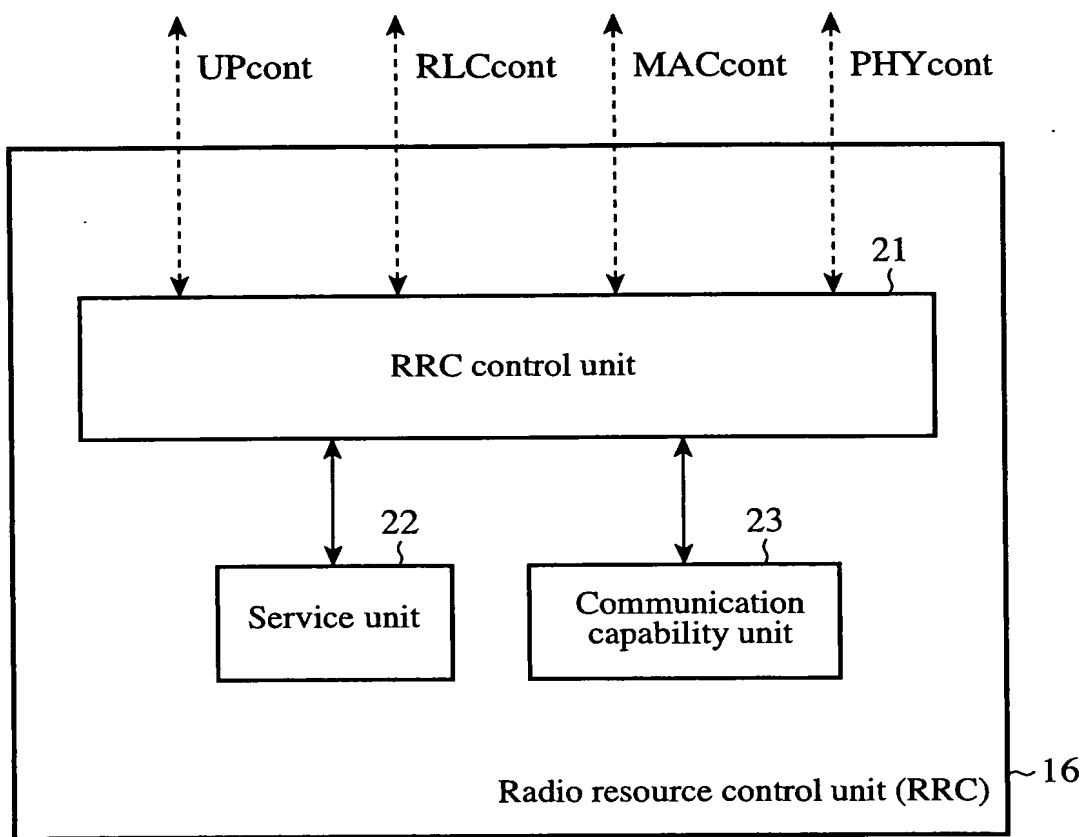
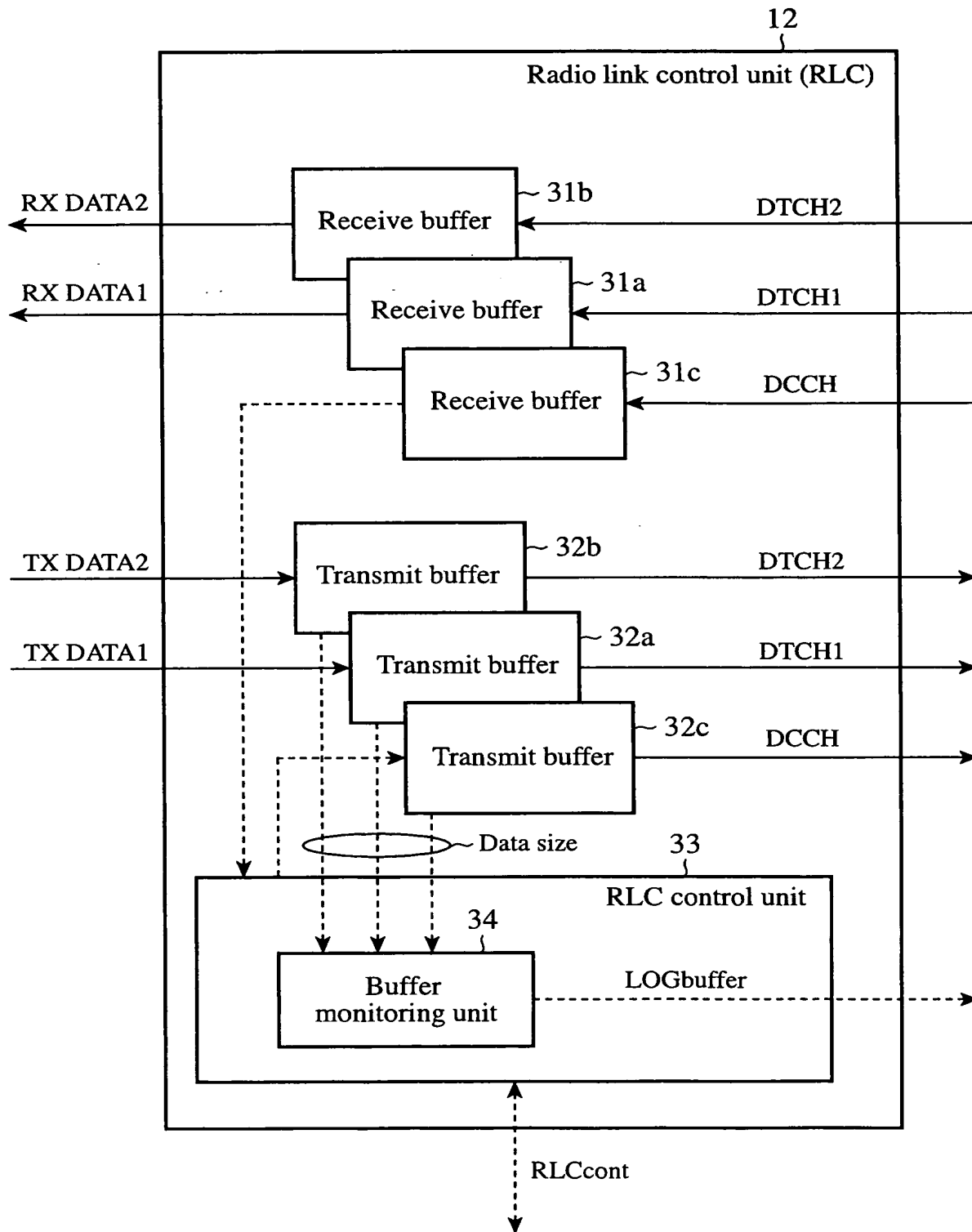


FIG.4

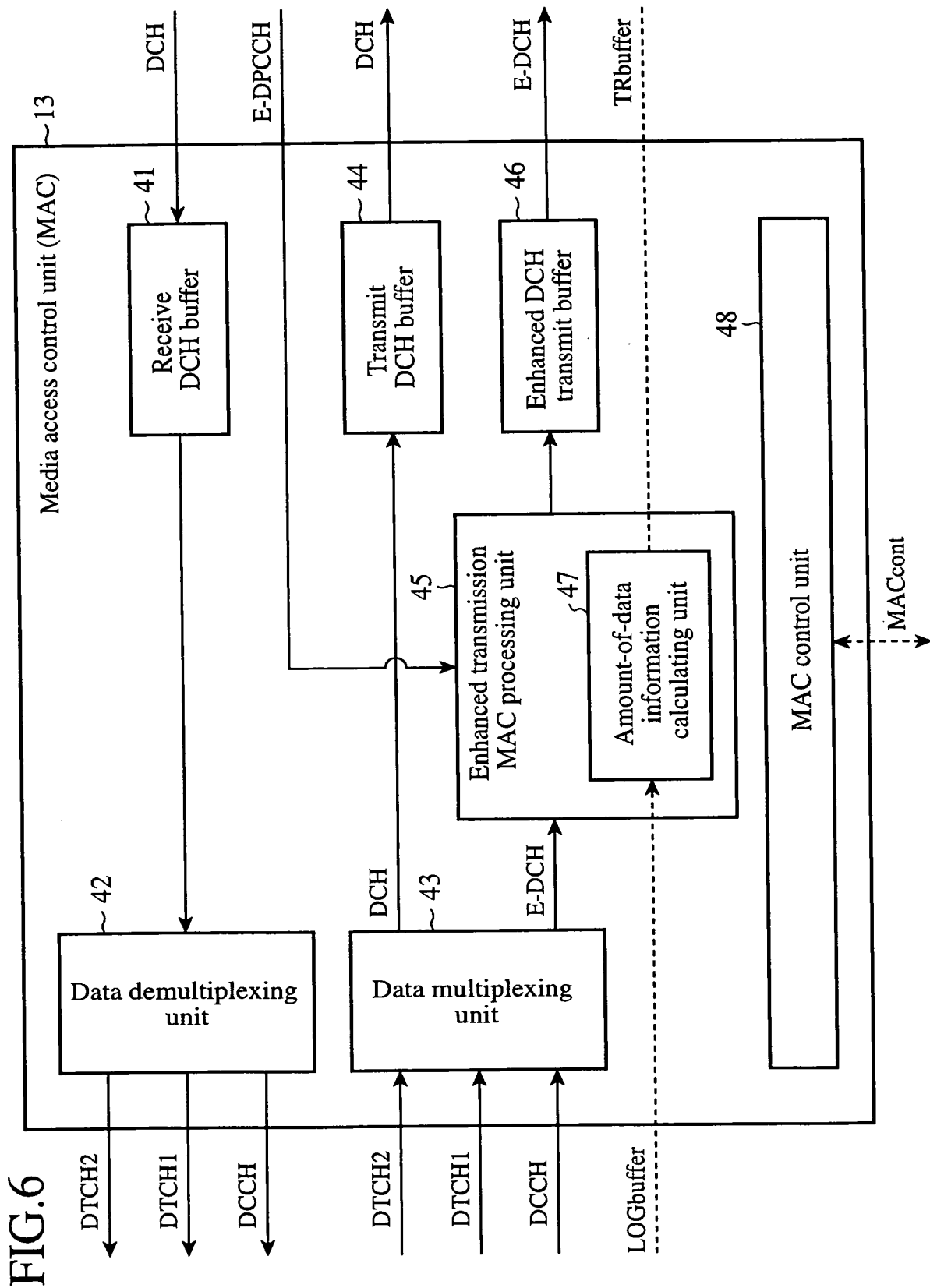


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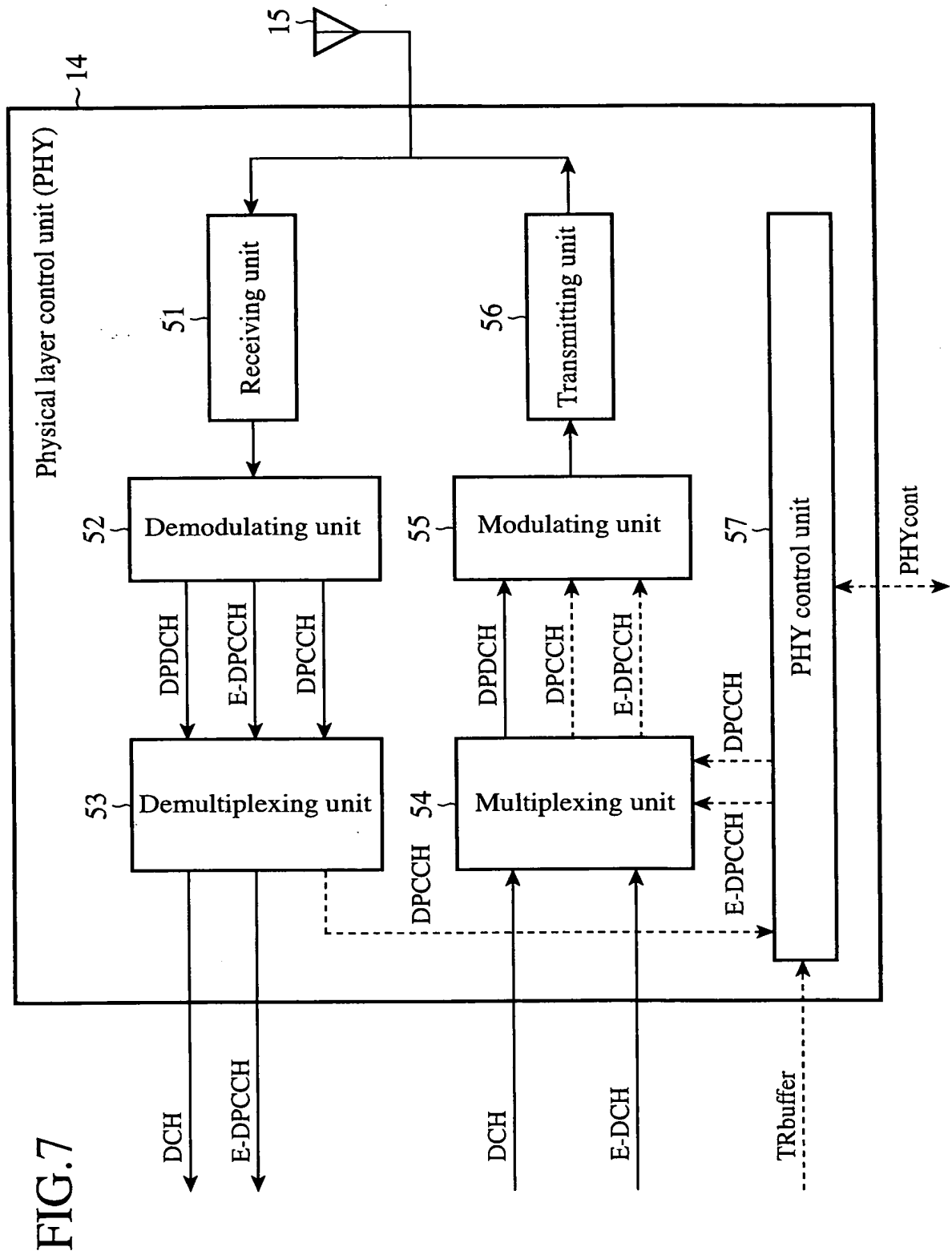
FIG.5



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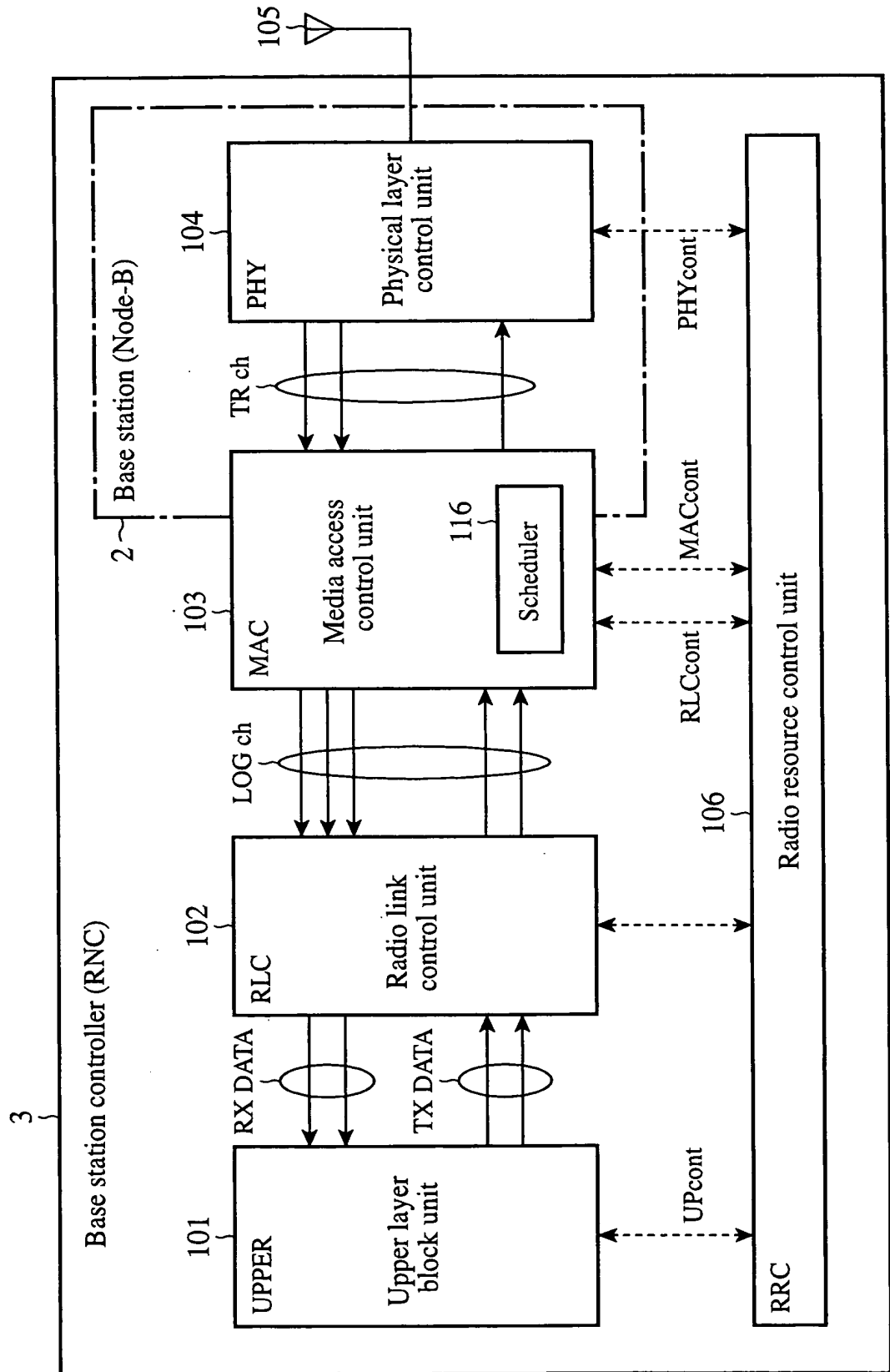


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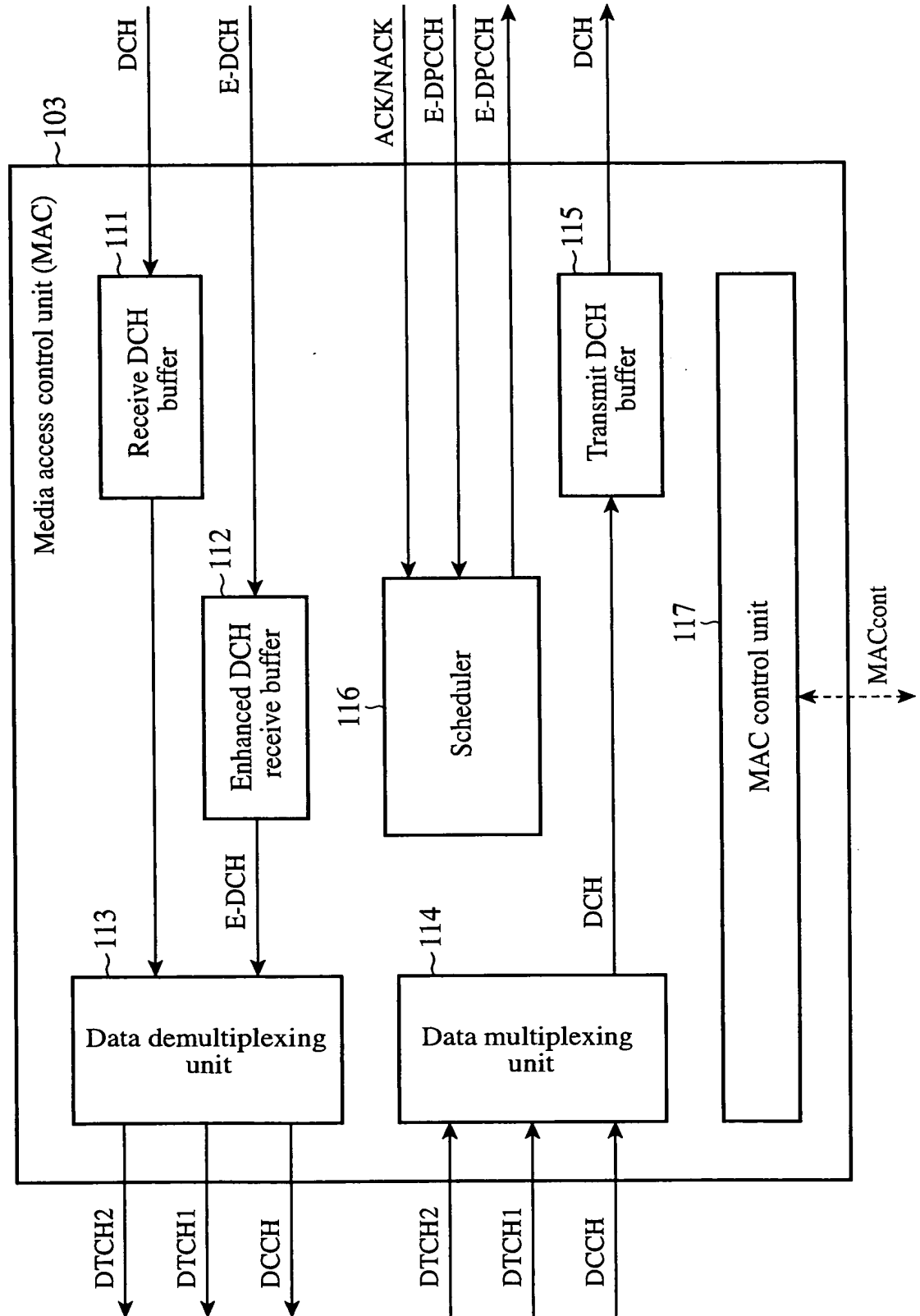
FIG. 8



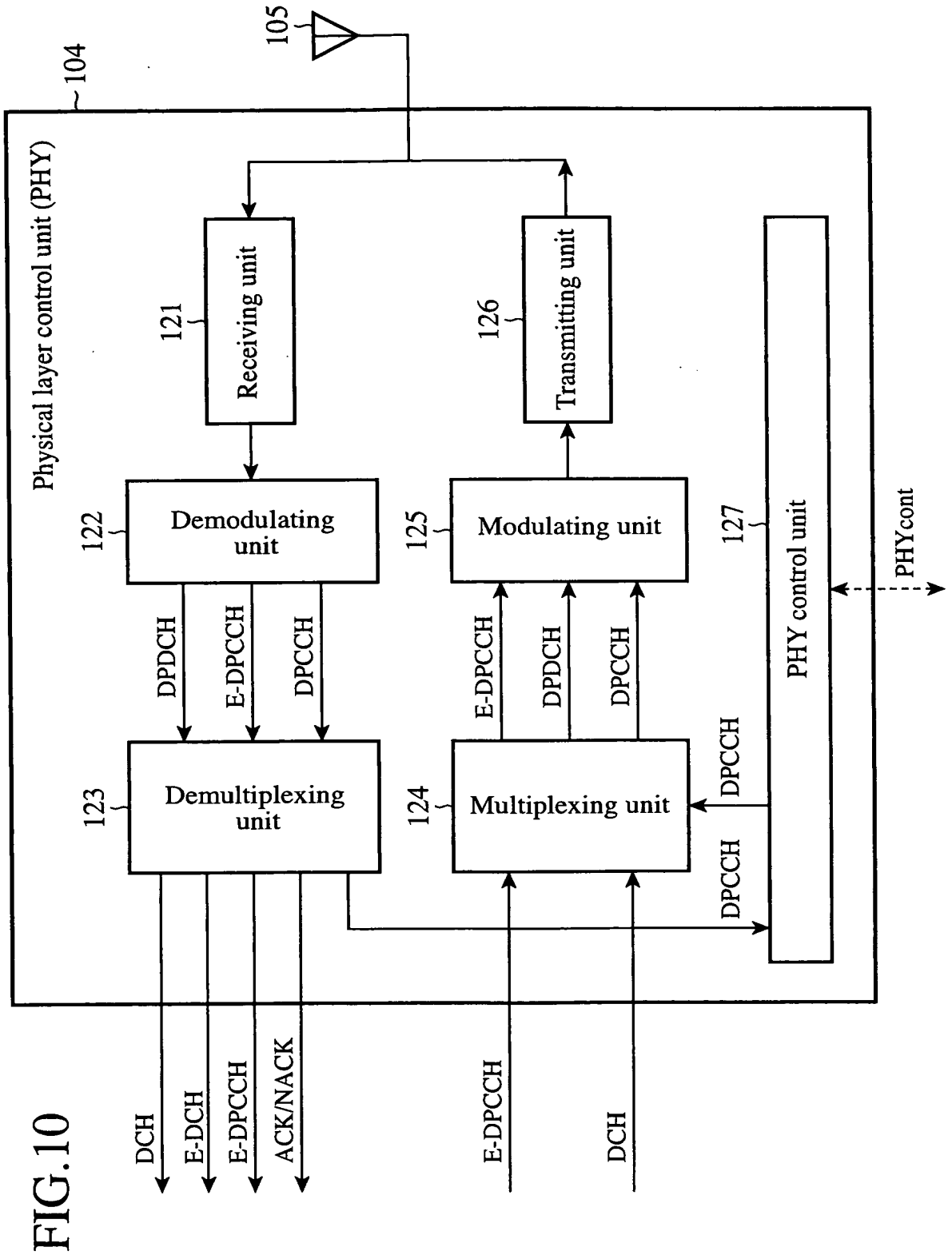


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FIG. 9

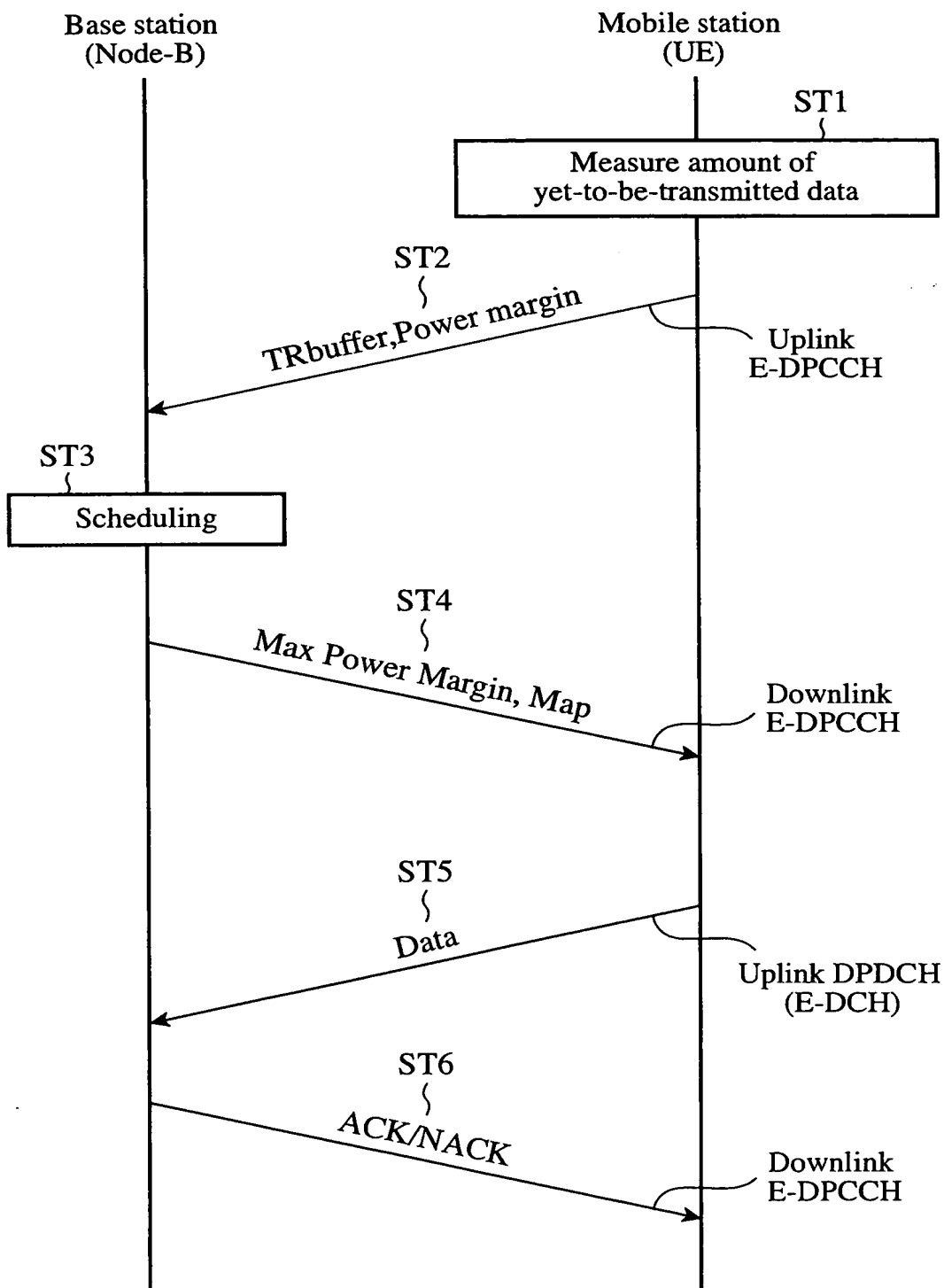


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FIG.11



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FIG.12A

Index	Service 1	Service 2
1	Occupation ratio 100%	100%
2	100%	80%
3	80%	100%
4	80%	80%
⋮	⋮	⋮
10	0%	0%

FIG.12B

Index	DTCH1	DTCH2
1	Occupation ratio 100%	100%
2	100%	80%
3	80%	100%
4	80%	80%
⋮	⋮	⋮
10	0%	0%

FIG.13

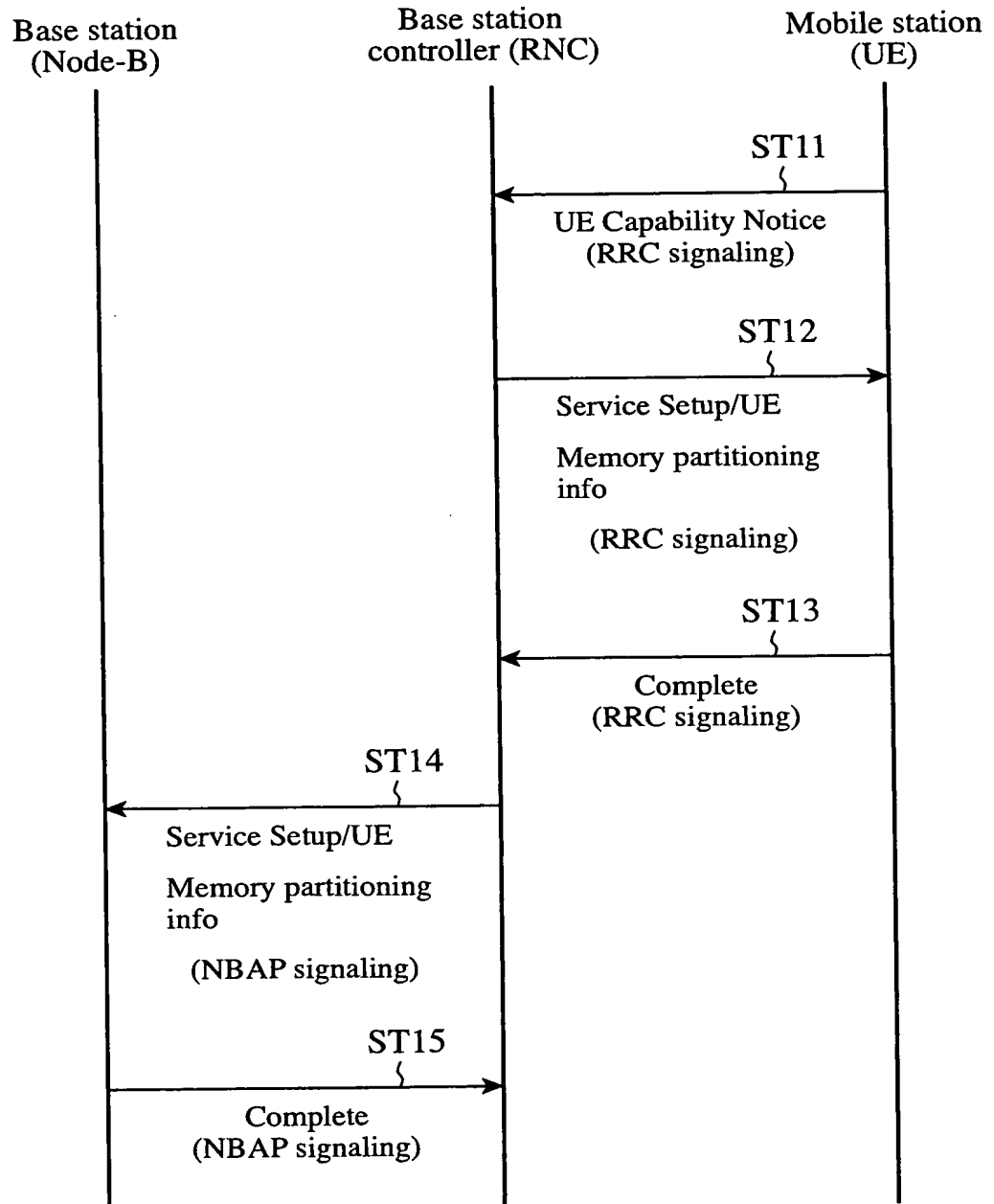


FIG.14

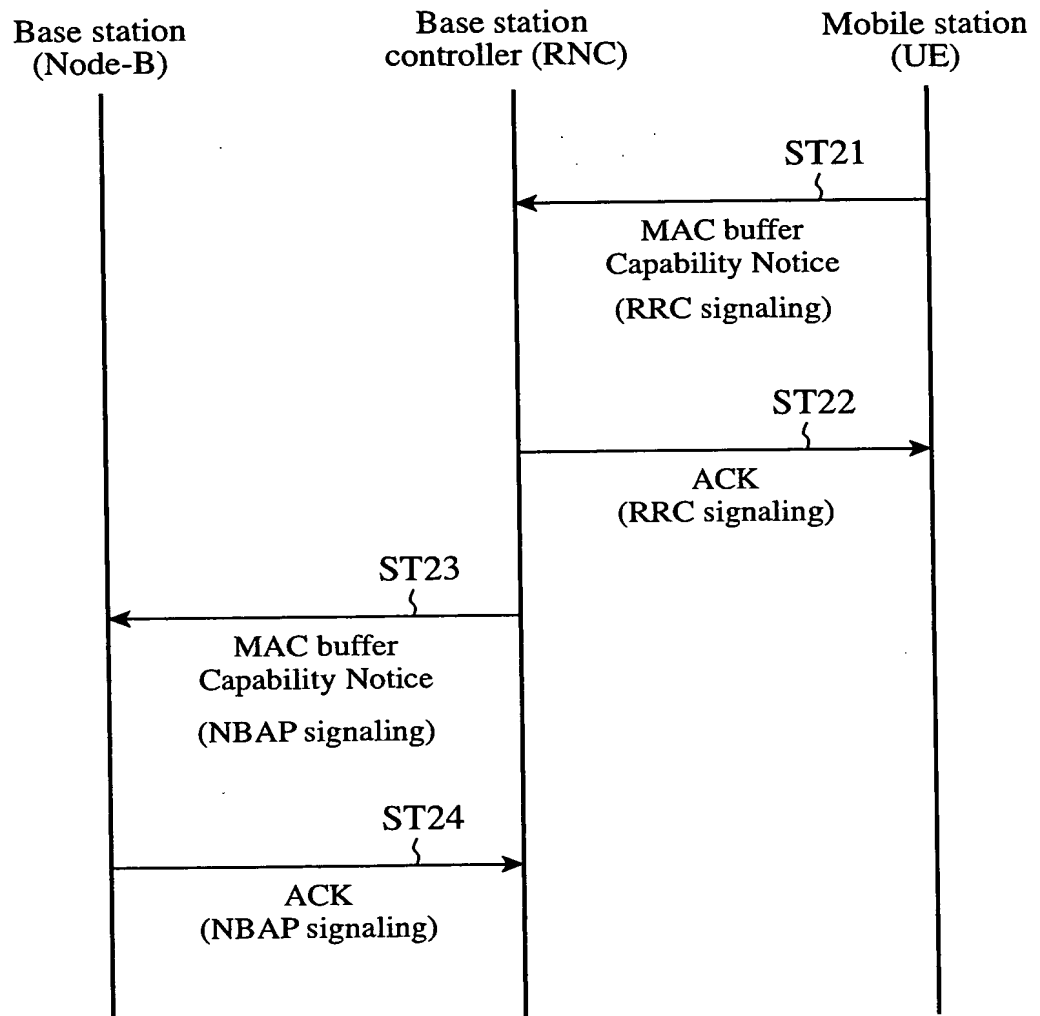


FIG.15A

Index	Service 1	Service 2
1	100sec	100sec
2	100sec	80sec
3	80sec	100sec
4	80sec	80sec
⋮	⋮	⋮
10	0sec	0sec

FIG.15B

Index	DTCH1	DTCH2
1	100sec	100sec
2	100sec	80sec
3	80sec	100sec
4	80sec	80sec
⋮	⋮	⋮
10	0sec	0sec

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FIG.16

Traffic class	Conversational class	Streaming class	Interactive class	Background class
Maximum bitrate(kbps)	$\leq 16000(2)$	$\leq 16000(2)$	$\leq 16000$ - overhead(2)(3)	$\leq 16000$ - overhead(2)(3)
Delivery order	Yes/No	Yes/No	Yes/No	Yes/No
Maximum SDU size(octets)	$\leq 1500$ or 1502(4)	$\leq 1500$ or 1502(4)	$\leq 1500$ or 1502(4)	$\leq 1500$ or 1502(4)
SDU format information	(5)	(5)		
Delivery of erroneous SDUs	Yes/No/(6)	Yes/No/(6)	Yes/No/(6)	Yes/No/(6)
Residual BER	$5 \times 10^{-2}, 10^{-2}, 5 \times 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}, 10^{-6}, 10^{-6}$	$5 \times 10^{-2}, 10^{-2}, 5 \times 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}, 10^{-6}, 10^{-6}$	$4 \times 10^{-3}, 10^{-5}, 6 \times 10^{-8}(7)$	$4 \times 10^{-3}, 10^{-5}, 6 \times 10^{-8}(7)$
SDU error ratio	$10^{-2}, 7 \times 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}$	$10^{-1}, 10^{-2}, 7 \times 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}$	$10^{-3}, 10^{-4}, 10^{-6}$	$10^{-3}, 10^{-4}, 10^{-6}$
Transfer delay(ms)	100-maximum value	280(8)-maximum value		
Guaranteed bit rate(kbps)	$\leq 16000(2)$	$\leq 16000(2)$	$\leq 16000(2)$	$\leq 16000(2)$
Traffic handling priority			1,2,3(9)	
Allocation/Retention priority	1,2,3	1,2,3	1,2,3	1,2,3
Source statistic descriptor	Speech/unknown	Speech/unknown		
Signalling Indication			Yes, No(9)	



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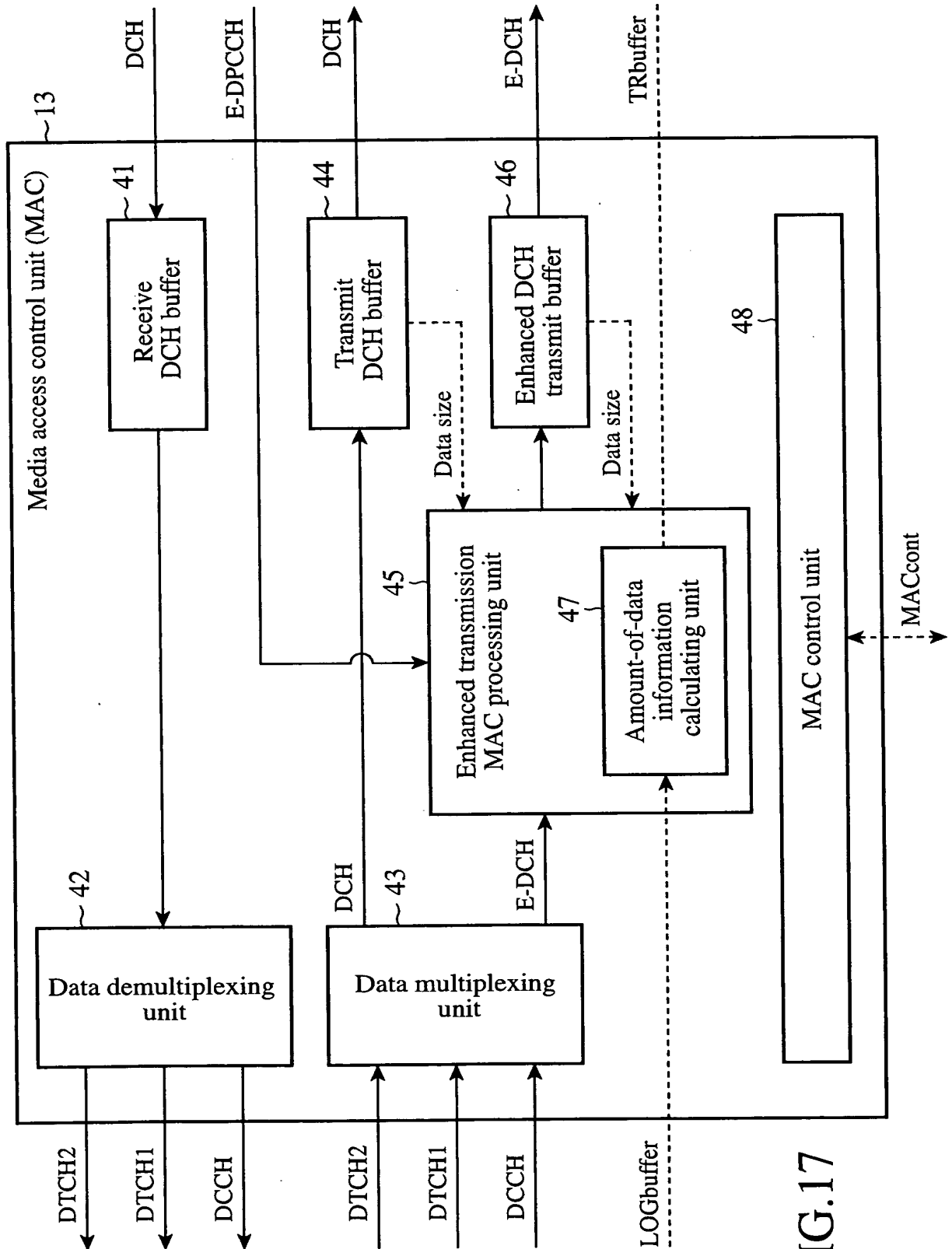


FIG.17

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FIG.18A

Index	Service 1	Service 2
1	100TTI	100TTI
2	100TTI	80TTI
3	80TTI	100TTI
4	80TTI	80TTI
⋮	⋮	⋮
10	0TTI	0TTI

FIG.18B

Index	DTCH1	DTCH2
1	100TTI	100TTI
2	100TTI	80TTI
3	80TTI	100TTI
4	80TTI	80TTI
⋮	⋮	⋮
10	0TTI	0TTI

FIG.19A

Index	Service 1	Service 2
1	100bps	100bps
2	100bps	80bps
3	80bps	100bps
4	80bps	80bps
⋮	⋮	⋮
10	0bps	0bps

FIG.19B

Index	DTCH1	DTCH2
1	100bps	100bps
2	100bps	80bps
3	80bps	100bps
4	80bps	80bps
⋮	⋮	⋮
10	0bps	0bps

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FIG.20

Traffic class	Conversational class	Streaming class	Interactive class	Background class
Maximum bitrate(kbps)	$\leq 16000(2)$	$\leq 16000(2)$	$\leq 16000$ - overhead(2)(3)	$\leq 16000$ - overhead(2)(3)
Delivery order	Yes/No	Yes/No	Yes/No	Yes/No
Maximum SDU size(octets)	$\leq 1500$ or 1502(4)	$\leq 1500$ or 1502(4)	$\leq 1500$ or 1502(4)	$\leq 1500$ or 1502(4)
SDU format information	(5)	(5)		
Delivery of erroneous SDUs	Yes/No/(6)	Yes/No/(6)	Yes/No/(6)	Yes/No/(6)
Residual BER	$5 \cdot 10^{-2}, 10^{-2}, 5 \cdot 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}, 10^{-6}$	$5 \cdot 10^{-2}, 10^{-2}, 5 \cdot 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}, 10^{-6}$	$4 \cdot 10^{-3}, 10^{-5}, 6 \cdot 10^{-8}(7)$	$4 \cdot 10^{-3}, 10^{-5}, 6 \cdot 10^{-8}(7)$
SDU error ratio	$10^{-2}, 7 \cdot 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}$	$10^{-1}, 10^{-2}, 7 \cdot 10^{-3}, 10^{-3}, 10^{-4}, 10^{-5}$	$10^{-3}, 10^{-4}, 10^{-6}$	$10^{-3}, 10^{-4}, 10^{-6}$
Transfer delay(ms)	100-maximum value	280(8)-maximum value	500-maximum value	2000-maximum value
Guaranteed bit rate(kbps)	$\leq 16000(2)$	$\leq 16000(2)$		
Traffic handling priority			1,2,3(9)	
Allocation/Retention priority	1,2,3	1,2,3	1,2,3	1,2,3
Source statistic descriptor	Speech/unknown	Speech/unknown		
Signalling Indication			Yes, No(9)	

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FIG.21

TFR Index (TFCI)	E-DCH	
11	1000	Enhanced TFC specification values
10	1000	
⋮	⋮	
7	100	
6	80	Conventional TFC specification values
5	20	
4	20	
⋮	⋮	
0	0	

(Unit : bit/TTI)

FIG.22

TFR Index (TFCI)	E-DCH	DCH
11	1000	1000
10	1000	800
⋮	⋮	⋮
7	100	100
6	80	40
5	20	40
4	20	20
⋮	⋮	⋮
0	0	0

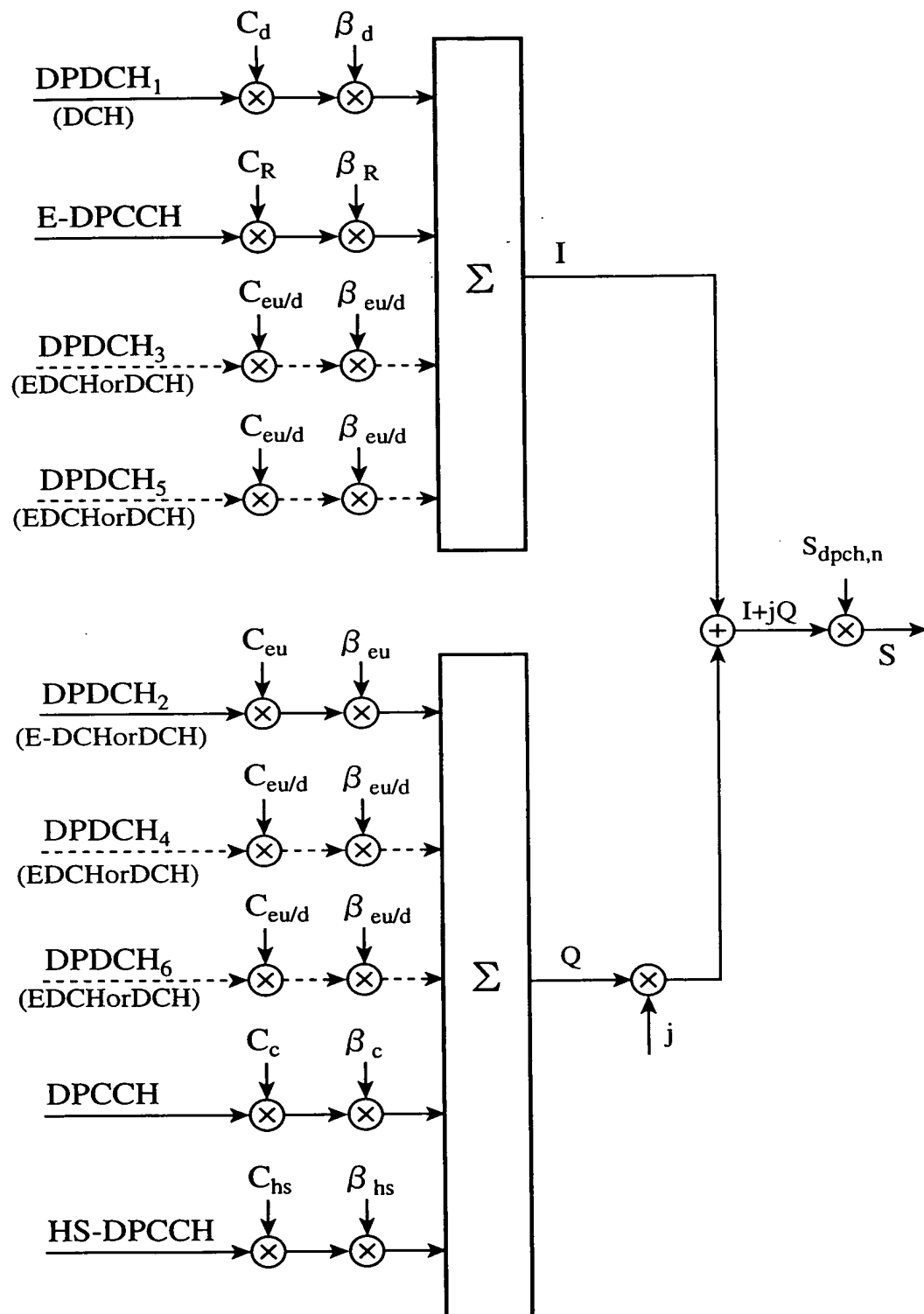
(Unit : bit/TTI, bit/subframe, bit/slot , etc.)

FIG.23

Gain factor Index	E-DCH ( $\beta$ eu)
11	30
10	30
⋮	⋮
7	20
6	10
5	5
4	5
⋮	⋮
0	0

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FIG.24



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FIG.25

Gain factor Index	E-DCH (Power Offset:dB)
11	20
10	10
⋮	⋮
7	8
6	6
5	5
4	4
⋮	⋮
0	0



FIG.26A

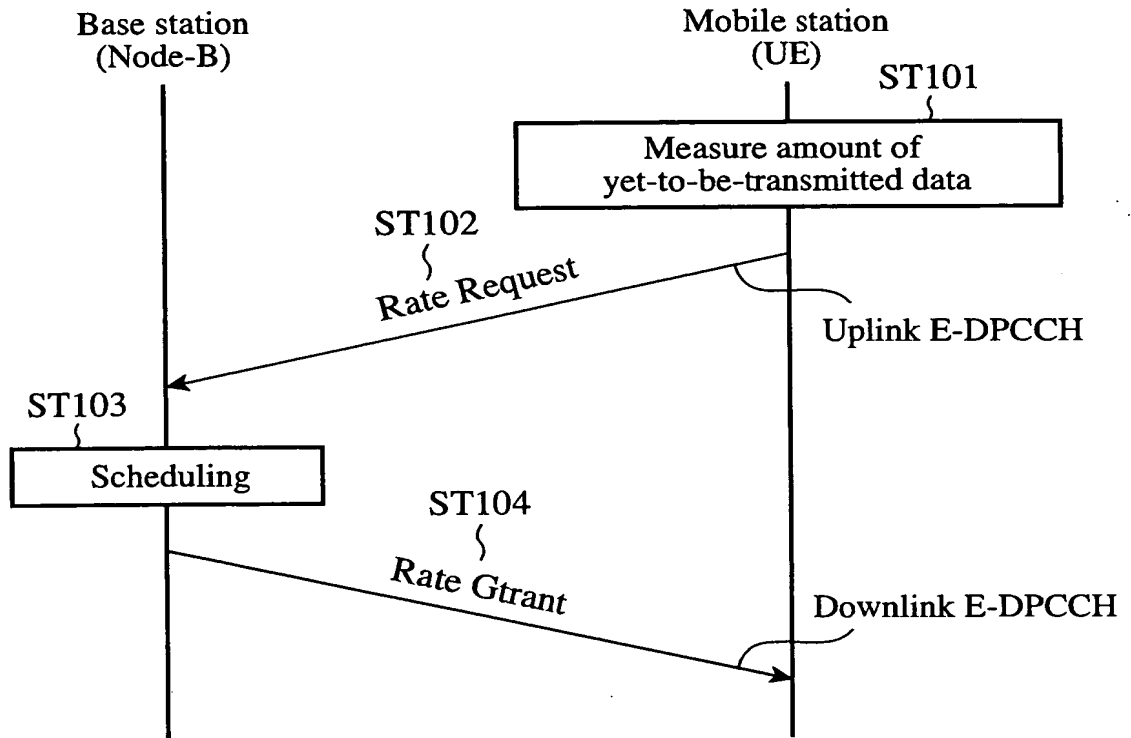
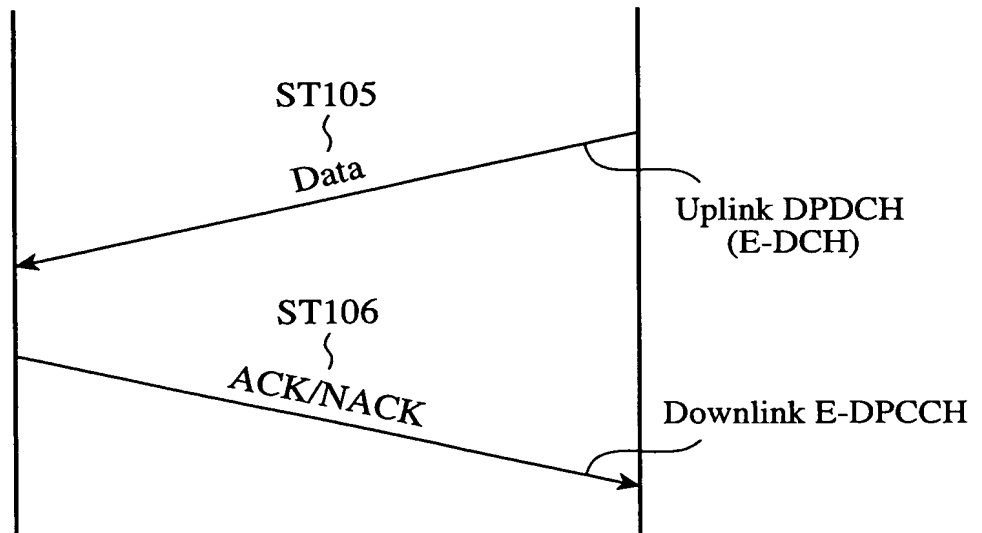


FIG.26B



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FIG.27

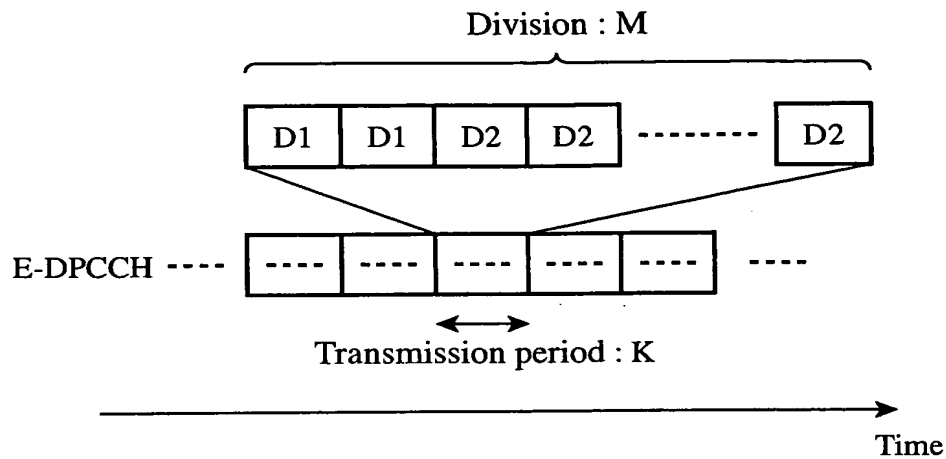


FIG.28

